Embedded Camera Modules

Enabling Smart AIoT with Precision Imaging

With the rapid rise of AI-powered solutions, Transcend Embedded Camera Modules provide the core imaging technology needed for smart cities, industrial automation, and IoT devices. Equipped with a high-sensitivity sensor and a high-speed MIPI CSI-2 interface, they deliver exceptional image quality through HDR, Auto Exposure Control (AEC), and Auto White Balance (AWB). These features ensure clear, detailed visuals under varying light conditions, making the modules ideal for smart appliances, factory inspection, and intelligent surveillance.

Enhanced Low-Light Imaging

Near-infrared (NIR) enhancement delivers superior image quality in low-light or nighttime environments.

Rugged Durability

Wide-temperature tolerance (-30°C to 70°C) ensures reliable performance in harsh environments.

Flexible Customization

ISP tools enable precise tuning of image parameters to suit diverse application scenarios.

Featured Products

2MP/FOV: 130°

ECM100

5MP/FOV: 140°

ECM300

Contact Us

More product information

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